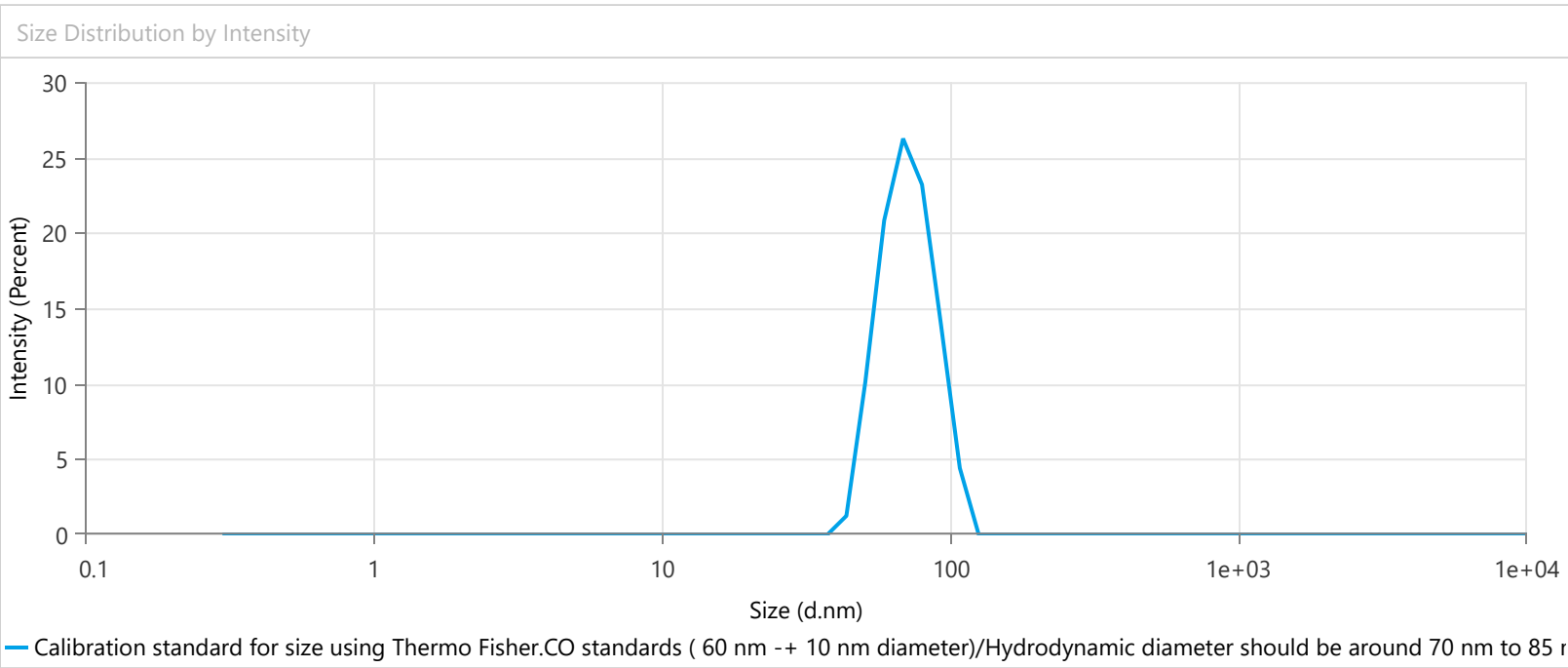


Sample Details					
Sample Name:	Calibration standard for size using Thermo Fisher.CO standards (60 nm +- 10 nm diameter)/ Hydrodynamic diameter should be around 70 nm to 85 nm based on standards				
Project Name:	04.08.04				
Date and Time:	Sunday, October 26, 2025 3:38:42 PM				
Type:	Size	Result Source:	Instrument		
Cell Name:	DTS0012	Temperature (°C):	25		
Material Name:	Polystyrene latex	Dispersant Name:	Water		
Material RI:	1.59	Dispersant RI:	1.33		
Material Absorption:	0.01	Dispersant Viscosity (cP):	0.887		
		Dispersant Dielectric Constant:	78.5		

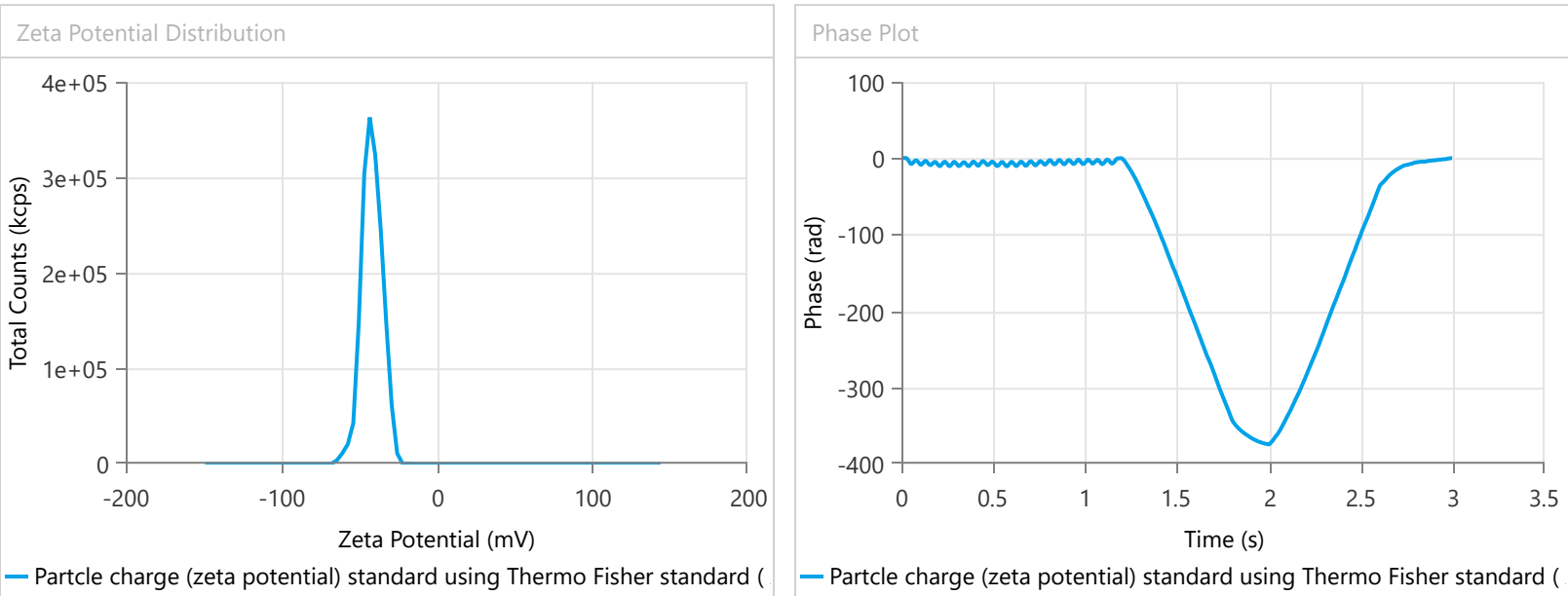


Statistics Table						
Name	Mean	Standard Deviation	RSD	Minimum	Maximum	
Z-Average (nm)	70.01	-	-	70.01	70.01	
Polydispersity Index (PI)	0.01367	-	-	0.01367	0.01367	
Intercept	0.9895	-	-	0.9895	0.9895	
Peak 1 Mean by Intensity ordered by area (nm)	72.28	-	-	72.28	72.28	
Peak 1 Area by Intensity ordered by area (%)	100	-	-	100	100	
Derived Mean Count Rate (kcps)	1.428E+04	-	-	1.428E+04	1.428E+04	

Parameter List	
Actual Instrument Settings\Instrument Serial Number	: MAL1285164
Software Version	: 3.2.1.11

Zeta Potential - Quality

Sample Details					
Sample Name:		Particle charge (zeta potential) standard using Thermo Fisher standard (Zeta -40 mV -+ 5 mV)			
Project Name:		04.08.04			
Date and Time:		Sunday, October 26, 2025 3:56:40 PM			
Type:		Zeta		Result Source:	
Cell Name:		DTS1070		Instrument	
Material Name:		Polystyrene latex		Temperature (°C):	
Material RI:		1.59		25	
Material Absorption:		0.01		Dispersant Name:	
				Water	
				Dispersant RI:	
				1.33	
				Dispersant Viscosity (cP):	
				0.887	
				Dispersant Dielectric Constant:	
				78.5	



Statistics Table						
Name	Mean	Standard Deviation	RSD	Minimum	Maximum	
Zeta Potential (mV)	-41.57	-	-	-41.57	-41.57	
Zeta Peak 1 Mean (mV)	-41.58	-	-	-41.58	-41.58	
Zeta Peak 2 Mean (mV)	-18.28	-	-	-18.28	-18.28	
Conductivity (mS/cm)	0.2828	-	-	0.2828	0.2828	
Wall Zeta Potential (mV)	-62.2	-	-	-62.2	-62.2	
Zeta Deviation (mV)	6.47	-	-	6.47	6.47	
Derived Mean Count Rate (kcps)	2.289E+04	-	-	2.289E+04	2.289E+04	
Reference Beam Count Rate (kcps)	2499	-	-	2499	2499	
Quality Factor	5.587	-	-	5.587	5.587	



Parameter List

Actual Instrument Settings\Instrument Serial Number: MAL1285164
Software Version: 3.2.1.11

